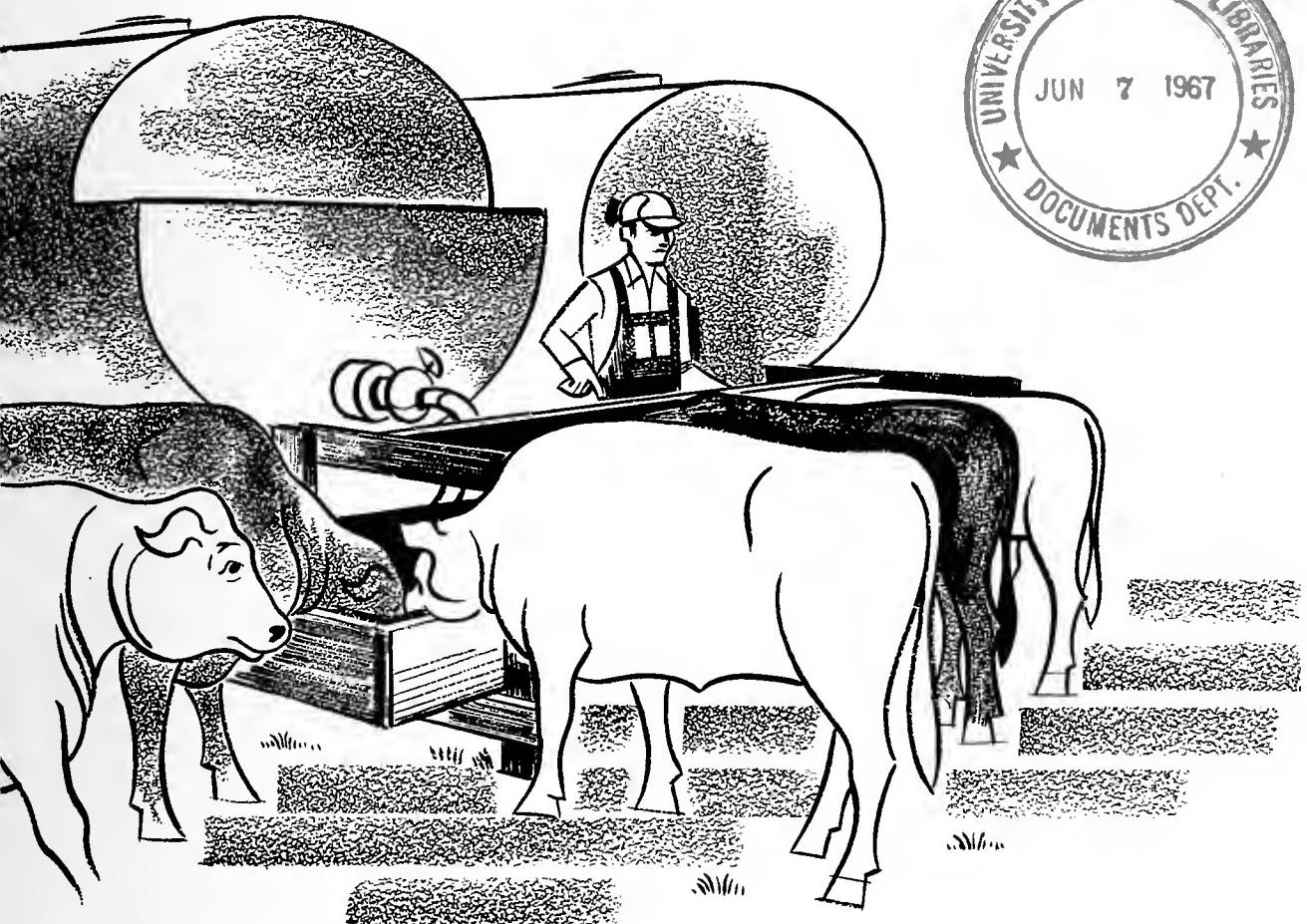


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Molasses MARKET NEWS



ANNUAL SUMMARY 1966

CONSUMER AND MARKETING SERVICE
U. S. DEPARTMENT OF AGRICULTURE WASHINGTON, D. C.

C&MS-2 (1966)



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HIGHLIGHTS OF 1966

Molasses prices advanced sharply in 1966 and closed out the year at or near their highest levels in nearly three years. The cost of molasses remained lower in relation to corn, but the difference was not as great as it was the preceding year. An estimated 661 million gallons of molasses were available for feed and industrial use in the United States during 1966 -- about 7 percent more than in 1965. More than half of the supply came from domestic sources, while 314 million gallons were imported from foreign countries. Exports of molasses from Puerto Rico ran nearly three times as large as the year before, but mainland exports dropped. The quantity of molasses fed to livestock was up an estimated 11 percent, but industrial use of molasses was a little less than in 1965.

PRICESCane Molasses

Prices of cane molasses advanced steadily during 1966. By the end of the year, they were 5 to 8-1/2 cents per gallon higher than the previous year's close and the highest they had been in nearly three years. Good demand for molasses from the livestock feeding industry and the higher cost of imported molasses were major price strengthening influences.

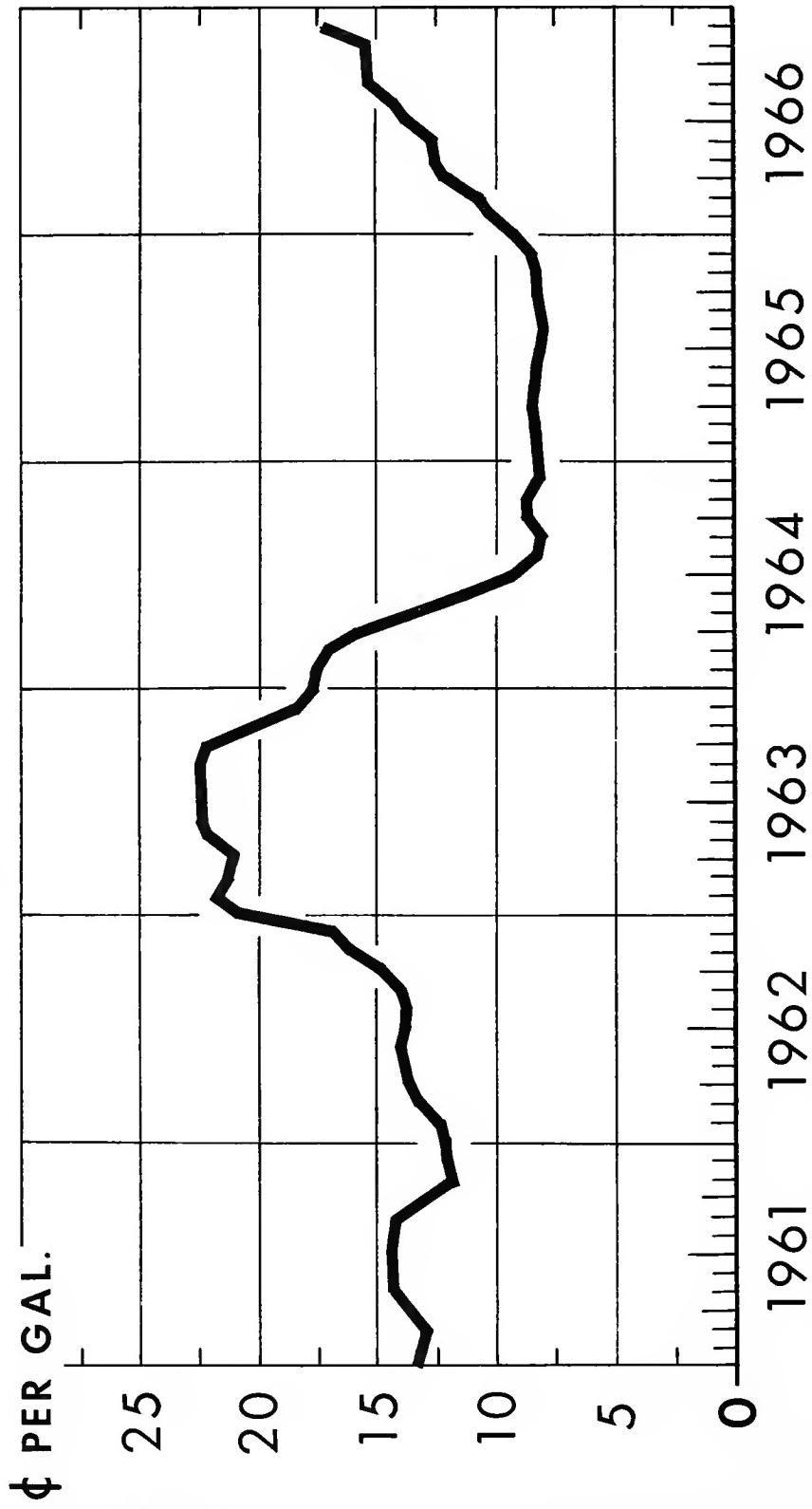
The higher trend raised the year's average prices of molasses at principal markets from about 1-3/4 to 5-1/2 cents per gallon above the preceding year's averages. While molasses prices were well above the year before, prices of corn and most other basic feed ingredients were higher, too. This was particularly true early in 1966 when the ratio between the cost of corn and molasses was very favorable for molasses. Demand for molasses was strong then as cost-conscious feeders, ranchers, and feed manufacturers could save money by substituting molasses for corn and other feed grains. The gap between molasses and corn prices narrowed as the year wore on and molasses prices advanced. Although molasses lost some of its price advantage later in the year and became much more sensitive to changes in the corn market, demand held up fairly well.

Advances in molasses prices during 1966 were more pronounced in the Gulf, Southeast, and Midwest than in the East, Southwest, and West. This reflected, to some extent, continued keen competition and sales-stimulating volume price discounts in the East and the rather common practice of advance contracting for the season's sales in the Southwest and West.

Cane molasses prices followed a uniform trend at most markets -- advancing steadily from month to month throughout the year. Upturns at Gulf, Southeast, and Midwest markets closely paralleled those at New Orleans. Although well up for the year, prices did not advance as much in the East, Southwest, and West as they did in other areas. Except for the seasonal summer lull, demand for molasses was fair to good most of the year. Supplies were generally adequate outside of one or two months early in the year when distributors were hard pressed to fill orders and limited their forward bookings.

MOLASSES PRICES

F.O.B. Tank Car, New Orleans



U. S. DEPARTMENT OF AGRICULTURE

NEG. C&MS 18-67 (3)

CONSUMER AND MARKETING SERVICE

The price relationships, or differentials, between New Orleans and most other terminals were not as much above New Orleans in 1966 as they were the previous year. In fact, at the end of December there was only about a half cent to one cent per gallon differential between the price at New Orleans and prices at Houston, Corpus Christi, Mobile, Savannah, Norfolk, Baltimore, Philadelphia, New York, and the West Coast. The spread ran between 1 and 1-1/2 cents at El Paso, Wilmington, Boston, and Albany. It was generally between 3-1/2 and 6 cents at most other markets. The major exception was in Florida where the December closing price was a half cent under the New Orleans price.

Beet Molasses

Prices of beet molasses, like cane molasses, advanced in 1966. The general trend was somewhat different, however. Prices held steady the first five months of the year, due partly to competition from cane molasses and because of yearly contractual arrangements. Beet molasses started advancing in June as supplies became scarce and dry weather in the West created an excellent demand. The market advanced further in July, held steady in August, went up again in September and October, and remained steady the last two months of the year as new-crop production and contracting got under way.

By the end of December, prices stood around \$9.50 per ton higher than the previous year's close at Denver and in the Colorado-Wyoming-Montana area and about \$4.50 higher in the Oregon-Utah-Idaho-Missoula, Montana area. The year's average prices were up about \$5.50 per ton in the two former areas and around \$1.30 higher in the latter area.

Citrus Molasses

The market for citrus molasses was not nearly as strong in 1966 as were markets for other types of molasses. In fact, the year's average price of citrus molasses was about 50 cents per ton below the preceding year. However, prices at the end of December were about \$2.00 per ton higher than a year ago.

Prices declined steadily during the first quarter of 1966 as increased production of citrus molasses provided an ample supply. The trend inched upward the next six months, influenced by good demand, lighter supplies, and strength in cane molasses. Prices held steady the remainder of the year as new-crop production got under way with the beginning of picking and processing of a record citrus crop in Florida.

Corn (Hydrol) Molasses

Prices of corn molasses followed the same general upward trend as cane and beet molasses in 1966. While the year's average prices at principal markets were around \$6.00 per ton above the previous year, prices at the end of December stood about \$13.00 to \$14.00 higher than the preceding December.

The comparatively high cost of corn molasses in relation to other types of molasses was largely responsible for a further decrease in the quantity of corn molasses being used for livestock feed. As in other recent years, more corn molasses was taken by various manufacturing outlets, especially the pharmaceutical industry.

Table 1.--Molasses, blackstrap: Prices by months, f.o.b. tank car or tank truck, 1962-66

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Av. |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| --Cents per gallon-- | | | | | | | | | | | | | |
| <u>New Orleans</u> | | | | | | | | | | | | | |
| <u>Houston</u> | | | | | | | | | | | | | |
| <u>Corpus Christi</u> | | | | | | | | | | | | | |
| <u>El Paso</u> | | | | | | | | | | | | | |
| 1962 | 12.13 | 12.44 | 13.38 | 13.69 | 13.95 | 14.00 | 13.90 | 13.88 | 14.00 | 14.90 | 16.19 | 16.83 | 14.11 |
| 1963 | 20.70 | 21.81 | 21.43 | 21.29 | 22.12 | 22.50 | 22.50 | 22.50 | 22.50 | 22.22 | 20.25 | 18.53 | 21.53 |
| 1964 | 17.75 | 17.53 | 17.06 | 15.87 | 13.63 | 11.35 | 9.41 | 8.31 | 8.15 | 8.69 | 8.63 | 8.35 | 12.06 |
| 1965 | 8.38 | 8.88 | 8.93 | 9.00 | 8.94 | 8.83 | 8.62 | 8.50 | 8.63 | 8.81 | 8.88 | 9.06 | 8.79 |
| 1966 | 9.81 | 10.28 | 10.85 | 12.34 | 12.56 | 12.80 | 13.81 | 14.40 | 15.44 | 16.00 | 16.10 | 17.41 | 13.48 |
| - | 20.60 | 22.56 | 22.00 | 23.50 | 23.50 | 23.50 | 23.50 | 23.50 | 23.50 | 23.05 | 21.00 | 19.38 | 22.34 |
| - | 19.00 | 18.50 | 17.35 | 15.50 | 13.40 | 11.38 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 14.09 |
| - | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| - | 11.00 | 11.00 | 11.00 | 11.00 | 11.60 | 13.00 | 13.25 | 13.50 | 14.50 | 14.50 | 16.00 | 16.50 | 17.75 |
| 1962 | 13.25 | 13.30 | 14.18 | 14.50 | 14.66 | 14.70 | 14.70 | 14.70 | 14.70 | 15.90 | 16.70 | 16.87 | 14.85 |
| 1963 | 20.82 | 23.00 | 22.20 | 23.17 | 23.50 | 23.50 | 23.50 | 23.50 | 23.50 | 23.10 | 21.12 | 19.38 | 22.42 |
| 1964 | 19.00 | 18.40 | 17.35 | 15.50 | 13.40 | 11.38 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 14.09 |
| 1965 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| 1966 | 11.00 | 11.00 | 11.00 | 11.60 | 12.75 | 13.13 | 13.50 | 14.50 | 14.70 | 15.75 | 16.50 | 17.70 | 17.62 |
| 6 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1962 | 13.70 | 13.60 | 14.45 | 14.90 | 15.26 | 15.50 | 15.50 | 15.50 | 15.50 | 15.98 | 16.70 | 17.20 | 15.32 |
| 1963 | 18.40 | 19.60 | 19.60 | 20.44 | 21.47 | 22.05 | 22.68 | 23.10 | 23.10 | 23.10 | 22.20 | 21.05 | 21.40 |
| 1964 | 20.50 | 20.20 | 19.48 | 18.70 | 17.25 | 16.16 | 14.30 | 13.50 | 13.50 | 13.50 | 13.50 | 13.50 | 16.17 |
| 1965 | 13.50 | 13.50 | 13.50 | 13.50 | 13.50 | 13.50 | 13.50 | 13.50 | 13.50 | 13.50 | 12.60 | 12.90 | 13.38 |
| 1966 | 13.20 | 13.20 | 13.38 | 14.39 | 14.39 | 14.05 | 14.05 | 15.50 | 15.67 | 16.74 | 17.54 | 17.54 | 15.27 |

| | | Phoenix | | | | | | Mobile | | | | | | South Florida ^{1/} | | | | | | Savannah, Ga.-Wilmington, N.C. | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | |

Table 1 - (Continued).--Molasses, blackstrap: Prices by months, f.o.b. tank car or tank truck, 1962-66

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Avg. |
|------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| --Cents per gallon-- | | | | | | | | | | | | | |
| <u>Baltimore, Md.-Norfolk, Va.</u> | | | | | | | | | | | | | |
| <u>Norfolk</u> | | | | | | | | | | | | | |
| <u>Baltimore</u> | | | | | | | | | | | | | |
| <u>Philadelphia</u> | | | | | | | | | | | | | |
| <u>New York</u> | | | | | | | | | | | | | |
| 1962 |: | 15.00 | 15.06 | 15.38 | 15.63 | 15.65 | 15.50 | 15.50 | 15.50 | 15.90 | 16.31 | 16.42 | 15.61 |
| 1963 |: | 20.80 | 22.25 | 22.00 | 22.75 | 22.75 | 22.80 | 23.00 | 23.00 | 21.25 | 20.13 | 22.14 | |
| 1964 |: | 19.50 | 19.50 | 19.00 | 17.75 | 15.90 | 14.00 | 13.50 | 13.50 | 13.50 | 13.50 | 16.05 | |
| 1965 |: | 13.50 | 13.50 | 12.98 | 12.49 | 12.44 | 12.05 | 12.10 | 12.05 | 11.50 | 10.80 | 11.00 | 12.21 |
| 1966 |: | 11.19 | 11.38 | 11.80 | 13.31 | 13.56 | 13.80 | 14.75 | 14.95 | 15.81 | 16.63 | 17.00 | 14.59 |
| <u>1</u> | | | | | | | | | | | | | |
| ^a | | | | | | | | | | | | | |
| 1962 |: | 15.00 | 15.25 | 15.50 | 15.50 | 15.50 | 15.31 | 15.25 | 15.25 | 15.40 | 15.69 | 16.33 | 15.44 |
| 1963 |: | 20.80 | 21.94 | 21.63 | 21.41 | 22.10 | 22.25 | 22.35 | 22.55 | 22.71 | 22.95 | 21.25 | 20.13 |
| 1964 |: | 19.50 | 19.50 | 19.50 | 18.75 | 17.19 | 15.45 | 13.38 | 13.00 | 13.07 | 13.35 | 13.18 | 21.84 |
| 1965 |: | 13.00 | 13.00 | 12.75 | 12.56 | 12.44 | 12.10 | 11.81 | 11.55 | 11.50 | 11.50 | 10.95 | 15.74 |
| 1966 |: | 11.25 | 11.25 | 11.80 | 13.25 | 13.56 | 13.75 | 14.38 | 14.60 | 15.81 | 16.38 | 16.60 | 12.01 |
| <u>New York</u> | | | | | | | | | | | | | |
| 1962 |: | 15.75 | 15.75 | 15.75 | 15.75 | 15.75 | 15.75 | 15.75 | 15.75 | 15.75 | 15.87 | 16.00 | 15.78 |
| 1963 |: | 20.80 | 22.13 | 22.00 | 22.75 | 22.75 | 22.80 | 23.00 | 23.00 | 21.25 | 20.13 | 22.13 | |
| 1964 |: | 19.50 | 19.50 | 19.00 | 17.75 | 15.90 | 14.00 | 13.50 | 13.50 | 13.50 | 13.50 | 13.50 | 16.05 |
| 1965 |: | 13.50 | 13.50 | 13.50 | 13.13 | 12.85 | 12.50 | 12.44 | 12.25 | 12.25 | 11.88 | 11.10 | 11.13 |
| 1966 |: | 11.25 | 11.25 | 11.80 | 13.25 | 13.56 | 13.75 | 14.75 | 14.85 | 15.81 | 16.63 | 16.40 | 12.50 |

Albany

Buffalo

Toledo

| | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1962 | 19.10 | 19.10 | 19.10 | 19.30 | 19.10 | 19.10 | 19.10 | 19.10 | 19.80 | 20.50 | 19.27 |
| 1963 | 24.41 | 26.64 | 26.63 | 26.74 | 28.10 | 28.10 | 28.10 | 28.10 | 28.10 | 27.35 | 27.16 |
| 1964 | 24.10 | 23.40 | 23.20 | 22.39 | 19.13 | 16.64 | 14.15 | 13.34 | 12.95 | 13.35 | 17.44 |
| 1965 | 13.18 | 13.70 | 13.70 | 13.70 | 13.70 | 13.70 | 13.70 | 13.70 | 13.50 | 13.88 | 13.71 |
| 1966 | 15.10 | 15.83 | 17.35 | 17.90 | 18.04 | 18.18 | 18.18 | 18.18 | 18.89 | 20.39 | 22.07 |

Cincinnati

(Continued on next page)

Table 1 - (Continued). -Molasses, blackstrap: Prices by months, f.o.b. tank car or tank truck, 1962-66

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Avg. |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| --Cents per gallon-- | | | | | | | | | | | | | |
| <u>Minneapolis</u> | | | | | | | | | | | | | |
| <u>Chicago</u> | | | | | | | | | | | | | |
| <u>St. Louis</u> | | | | | | | | | | | | | |
| <u>Kansas City</u> | | | | | | | | | | | | | |
| 1962 | 19.30 | 19.30 | 19.45 | 19.90 | 19.90 | 19.90 | 19.90 | 19.90 | 19.90 | 19.90 | 19.90 | 19.90 | 20.26 |
| 1963 | 26.72 | 29.20 | 30.40 | 28.90 | 28.65 | 28.90 | 28.90 | 28.90 | 28.90 | 28.90 | 28.90 | 28.90 | 28.62 |
| 1964 | 26.00 | 26.00 | 25.16 | 23.89 | 22.01 | 19.28 | 16.98 | 15.80 | 15.05 | 15.80 | 15.80 | 15.80 | 19.84 |
| 1965 | 16.55 | 17.00 | 17.00 | 16.93 | 16.37 | 15.80 | 15.68 | 15.73 | 15.80 | 15.80 | 15.80 | 15.80 | 16.31 |
| 1966 | 17.13 | 17.54 | 18.28 | 19.60 | 19.80 | 20.10 | 20.98 | 21.45 | 22.41 | 22.10 | 23.25 | 23.76 | 20.53 |
| - 10 - | | | | | | | | | | | | | |
| 1962 | 16.04 | 16.64 | 17.05 | 17.30 | 17.89 | 17.84 | 17.80 | 17.88 | 17.88 | 18.70 | 20.62 | 21.85 | 18.12 |
| 1963 | 25.68 | 27.13 | 26.75 | 26.03 | 26.25 | 26.49 | 26.72 | 26.75 | 26.75 | 26.69 | 25.89 | 24.25 | 26.28 |
| 1964 | 23.03 | 22.44 | 22.01 | 20.94 | 18.90 | 16.72 | 14.58 | 13.28 | 12.85 | 13.60 | 13.50 | 13.20 | 17.09 |
| 1965 | 13.28 | 13.55 | 13.61 | 13.70 | 13.70 | 13.62 | 13.45 | 13.08 | 13.33 | 14.00 | 14.00 | 14.08 | 13.62 |
| 1966 | 14.71 | 15.41 | 15.81 | 17.20 | 17.36 | 17.84 | 18.75 | 19.01 | 20.19 | 20.98 | 21.25 | 22.40 | 18.41 |

| | | <u>Omaha</u> | | | | | |
|------|-------|--------------|-------|-------|-------|-------|-------|
| 1962 |: | 19.00 | 19.15 | 19.30 | 19.30 | 19.30 | 19.30 |
| 1963 |: | 25.44 | 27.00 | 28.05 | 28.10 | 28.40 | 28.70 |
| 1964 |: | 26.90 | 26.15 | 24.74 | 23.25 | 21.70 | 17.99 |
| 1965 |: | 14.51 | 15.15 | 15.15 | 15.30 | 15.10 | 14.80 |
| 1966 |: | 16.70 | 17.45 | 18.91 | 19.80 | 19.80 | 19.81 |

| | | <u>Memphis</u> | | | | | |
|------|-------|----------------|-------|-------|-------|-------|-------|
| 1962 |: | 15.77 | 16.22 | 17.01 | 17.35 | 17.58 | 17.65 |
| 1963 |: | 23.84 | 25.65 | 25.33 | 25.20 | 25.88 | 26.00 |
| 1964 |: | 21.85 | 21.50 | 21.00 | 19.90 | 18.05 | 15.94 |
| 1965 |: | 12.54 | 12.80 | 12.96 | 13.01 | 12.95 | 12.81 |
| 1966 |: | 13.70 | 14.15 | 14.30 | 16.36 | 16.49 | 16.63 |

| | | <u>Denver</u> | | | | | |
|------|-------|---------------|-------|-------|-------|-------|-------|
| 1962 |: | 20.20 | 20.54 | 21.07 | 21.30 | 21.60 | 21.90 |
| 1963 |: | 24.76 | 26.00 | 25.55 | 26.56 | 27.60 | 28.00 |
| 1964 |: | 26.30 | 26.00 | 25.28 | 24.50 | 23.00 | 21.38 |
| 1965 |: | 18.30 | 18.60 | 18.50 | 17.98 | 17.60 | 17.48 |
| 1966 |: | 18.10 | 17.98 | 18.60 | 18.70 | 20.80 | 21.94 |

| | | <u>California Ports</u> | | | | | |
|------|-------|-------------------------|-------|-------|-------|-------|-------|
| 1962 |: | 13.70 | 13.85 | 14.45 | 14.90 | 15.26 | 15.50 |
| 1963 |: | 18.40 | 19.60 | 19.60 | 20.44 | 21.48 | 22.05 |
| 1964 |: | 20.55 | 20.25 | 19.56 | 18.80 | 17.33 | 16.22 |
| 1965 |: | 13.55 | 13.55 | 13.55 | 13.55 | 13.55 | 13.55 |
| 1966 |: | 12.65 | 12.65 | 13.19 | 14.55 | 14.55 | 15.57 |

| | | <u>Pacific Northwest Ports</u> | | | | | |
|------|-------|--------------------------------|-------|-------|-------|-------|-------|
| 1962 |: | 13.70 | 13.85 | 14.45 | 14.90 | 15.26 | 15.50 |
| 1963 |: | 18.40 | 19.60 | 19.60 | 20.44 | 21.48 | 22.05 |
| 1964 |: | 20.50 | 20.20 | 19.48 | 18.70 | 17.28 | 16.10 |
| 1965 |: | 13.55 | 13.55 | 13.55 | 13.55 | 13.55 | 13.55 |
| 1966 |: | 12.65 | 12.65 | 13.19 | 14.55 | 14.55 | 15.57 |

Table 2.-Molasses, beet: Prices by months, f.o.b. tank car or tank truck, 1962-66

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Avg. |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| --Dollars per ton-- | | | | | | | | | | | | | |
| 1962 | | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 29.50 | 31.33 | 28.40 |
| 1963 | | 32.00 | 32.00 | 34.00 | 34.75 | 35.50 | 37.80 | 39.00 | 39.00 | 39.00 | 39.00 | 39.00 | 36.09 |
| 1964 | | 39.00 | 39.00 | 35.00 | 35.00 | 34.25 | 31.60 | 29.50 | 27.00 | 26.00 | 26.00 | 26.00 | 31.20 |
| 1965 | | 26.00 | 26.00 | 27.60 | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 28.00 | 27.63 |
| 1966 | | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 31.60 | 35.00 | 35.00 | 35.50 | 37.00 | 37.00 | 33.18 |

Denver

| Colorado, Wyoming and Montana (except Missoula) | | | |
|---|-------|-------|-------|
| 1962 | 29.00 | 29.00 | 29.00 |
| 1963 | 31.00 | 29.00 | 29.00 |
| 1964 | 35.00 | 31.00 | 29.00 |
| 1965 | 27.00 | 31.00 | 29.00 |
| 1966 | 30.00 | 30.00 | 29.00 |
| | | | 29.00 |
| | | | 31.00 |
| | | | 33.43 |
| | | | 32.38 |
| | | | 27.00 |
| | | | 27.00 |
| | | | 27.00 |
| | | | 36.50 |
| | | | 32.66 |

Colorado, Wyoming and Montana (except Missoula)

Table 3.--Molasses, citrus and corn (hydrol): Prices by months, f.o.b. tank car or tank truck, 1962-66

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Av. |
|--|------|------|------|------|-----|------|------|------|-------|------|------|------|-----|
| --Dollars per ton-- | | | | | | | | | | | | | |
| <u>Citrus molasses</u> | | | | | | | | | | | | | |
| <u>Florida Points</u> | | | | | | | | | | | | | |
| 1962: 20.00 20.00 19.37 19.38 18.90 19.13 18.90 17.50 17.50 19.00 18.00 18.33 18.83 | | | | | | | | | | | | | |
| 1963 1/: 21.25 23.25 23.25 25.20 27.81 28.13 28.25 28.50 28.50 28.50 30.00 29.37 26.83 | | | | | | | | | | | | | |
| 1964 2/: 26.13 26.63 27.05 26.75 26.75 27.33 28.50 - - - 20.00 26.32 | | | | | | | | | | | | | |
| 1965: 19.37 18.69 17.50 15.13 14.00 14.00 15.75 16.00 16.00 16.00 16.00 15.25 16.14 | | | | | | | | | | | | | |
| 1966: 15.00 14.50 13.50 13.88 14.00 16.00 16.40 17.00 17.00 17.00 17.50 17.00 15.65 | | | | | | | | | | | | | |
| <u>Corn (hydrol) molasses</u> | | | | | | | | | | | | | |
| <u>Chicago</u> | | | | | | | | | | | | | |
| 1962: 24.25 24.25 24.56 25.00 25.00 24.75 24.63 24.75 25.85 27.25 29.00 25.32 | | | | | | | | | | | | | |
| 1963: 32.40 36.38 36.38 35.10 34.25 34.75 35.20 37.50 37.87 38.60 37.63 35.98 | | | | | | | | | | | | | |
| 1964: 33.88 33.63 32.90 31.38 28.94 25.33 21.56 19.84 19.60 19.50 19.50 19.50 25.46 | | | | | | | | | | | | | |
| 1965: 19.50 20.31 20.60 20.63 20.25 20.50 20.31 20.00 20.00 20.00 20.00 20.25 20.20 | | | | | | | | | | | | | |
| 1966: 20.81 21.50 23.40 24.00 24.00 24.00 25.00 25.80 28.25 30.00 32.00 34.25 26.08 | | | | | | | | | | | | | |
| <u>Kansas City</u> | | | | | | | | | | | | | |
| 1962: 27.50 27.12 27.88 28.25 28.50 28.10 27.50 27.50 28.50 30.25 31.83 28.45 | | | | | | | | | | | | | |
| 1963: 35.30 39.63 39.88 38.70 38.00 38.25 39.50 40.50 40.50 39.75 38.37 39.07 | | | | | | | | | | | | | |
| 1964: 37.25 36.50 35.50 33.75 31.50 27.50 23.50 21.25 21.30 21.75 21.00 27.71 | | | | | | | | | | | | | |
| 1965: 21.00 21.00 21.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.25 21.69 | | | | | | | | | | | | | |
| 1966: 23.00 23.00 24.20 25.50 26.00 26.00 28.00 29.75 32.50 32.50 35.25 27.87 | | | | | | | | | | | | | |

Table 4.--Price comparisons between molasses and No. 2 yellow corn at New York, Chicago and Kansas City, 1957-66 1/

| | New York | | Chicago | | Kansas City | |
|-----------|-------------|---------------------|-------------|---------------------|-------------|---------------------|
| Year | Corn bu. | Molasses 6½ gal. | Corn bu. | Molasses 6½ gal. | Corn bu. | Molasses 6½ gal. |
| --Cents-- | | | | | | |
| 1957....: | 156.8 | 163.7 | -6.9 | 129.2 | 199.3 | -70.1 |
| 1958....: | 156.3 | 115.0 | +41.3 | 125.5 | 123.1 | +2.4 |
| 1959....: | 150.6 | 103.0 | +47.6 | 122.5 | 107.1 | +15.4 |
| 1960....: | 143.8 | 89.0 | +54.8 | 115.6 | 92.9 | +22.7 |
| 1961....: | 141.8 | 102.2 | +39.6 | 113.1 | 112.7 | +0.4 |
| 1962....: | 142.0 | 102.6 | +39.4 | 112.8 | 117.8 | -5.0 |
| 1963....: | 155.0 | 143.8 | +11.2 | 126.0 | 170.8 | -44.8 |
| 1964....: | 151.3 | 104.3 | +47.0 | 125.1 | 111.1 | +14.0 |
| 1965....: | 151.5 | 81.2 | +70.3 | 130.2 | 88.5 | +41.7 |
| 1966....: | 158.4 | 94.2 | +64.2 | 136.8 | 119.7 | +17.1 |
| | | | | | | |

MOLASSES AND CORN PRICES

The relationship between the cost of corn and the cost of molasses continued to favor molasses in 1966. 1/

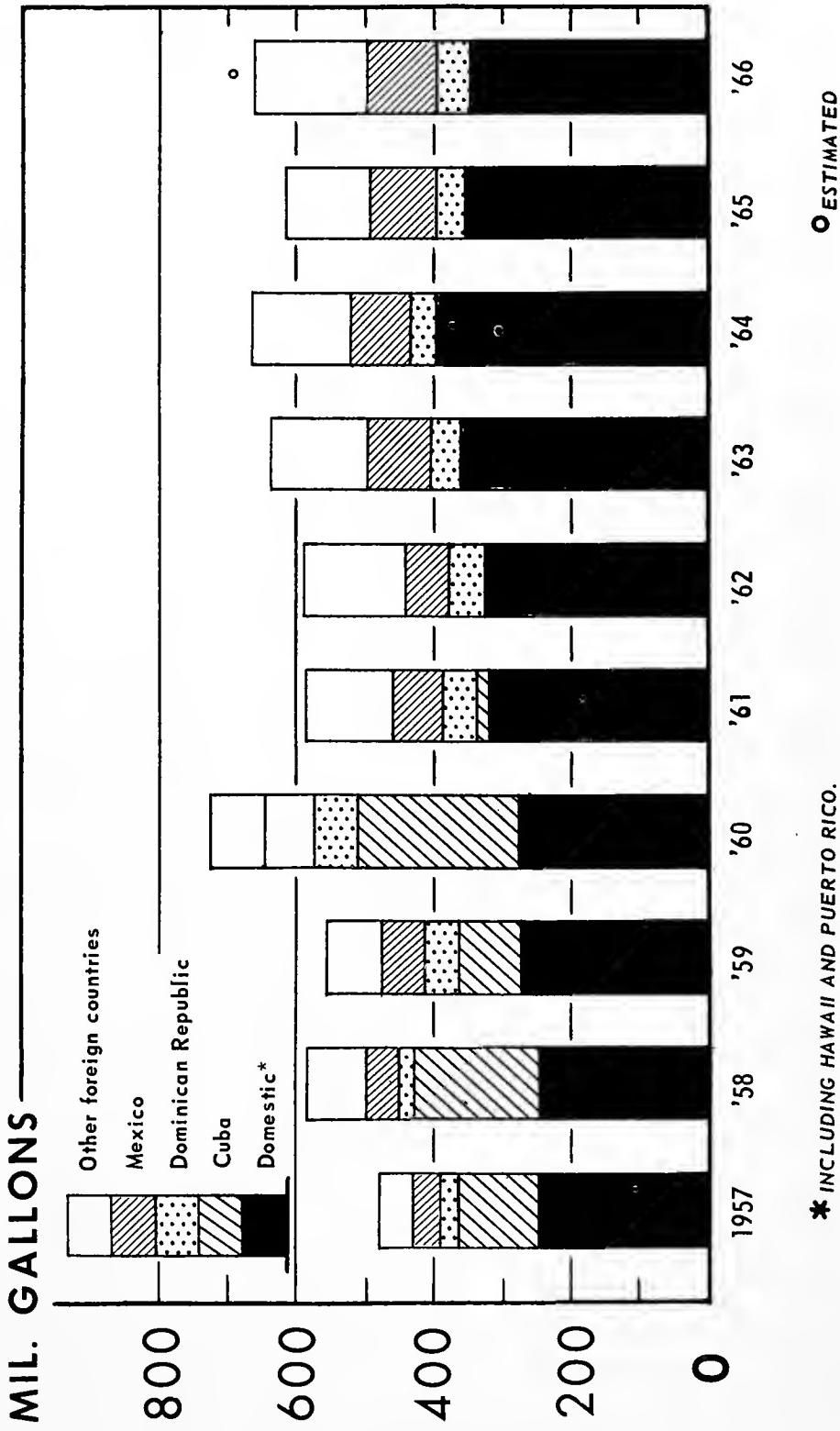
Although the relationship for the year as a whole was not as favorable for molasses as it was in 1965, there were times during the early months of 1966 when the ratio between the cost of corn and molasses strongly favored molasses.

The cost of 6-1/2 gallons of molasses advanced 13 cents at New York, 31.2 cents at Chicago, and 33.3 cents at Kansas City in 1966. At the same time, the cost of a bushel of corn went up 6.9 cents at New York, 6.6 cents at Chicago, and 5.9 cents at Kansas City.

As a result, the cost of 6-1/2 gallons of molasses in 1966 averaged about 64 cents below the cost of a bushel of corn in New York, 17 cents less in Chicago, and nearly 12 cents less in Kansas City.

1/ A "rule of thumb" measure -- 6-1/2 gallons of molasses are about equivalent in carbohydrate value to one bushel of corn -- is widely used to compare the carbohydrate value of molasses and corn. This measure is based on experiments conducted to evaluate the energy produced from one bushel of corn and the amount of molasses required to produce the same amount of energy.

MOLASSES SUPPLY BY MAJOR SOURCES



U.S. DEPARTMENT OF AGRICULTURE

NEG. C&MS 19-67(3)

FIGURE 2

CONSUMER AND MARKETING SERVICE

Table 5.--Feed and industrial molasses: U. S. production, inshipments, imports, and exports, 1950-66

| Year | Production | | | Total | Beet 2/ | Citrus 2/ | Hydrol 2/ | Total domestic | U. S. imports | U. S. exports | Mainland: Exports; available supplies |
|-------------------|------------|-------------------|---------------------------------|--------|------------|--------------|--------------|-------------------|------------------|------------------|--|
| | Cane | Inshipments 3/ | Total Puerto Rico cane | | | | | | | | |
| --1,000 gallons-- | | | | | | | | | | | |
| 1950 ..: | 44,814 | 34,326 | 41,076 | 31,224 | 151,440 | 61,333 | 7,929 | 21,388 | 242,090 | 243,841 | 2,331 |
| 1951 ..: | 44,350 | 32,775 | 41,572 | 49,951 | 168,648 | 45,578 | 11,926 | 18,411 | 244,596 | 228,389 | 2,649 |
| 1952 ..: | 51,901 | 36,221 | 37,942 | 52,252 | 178,316 | 38,583 | 9,333 | 18,063 | 244,295 | 296,121 | 897 |
| 1953 ..: | 48,682 | 36,123 | 47,558 | 32,651 | 165,014 | 47,628 | 7,382 | 18,792 | 238,816 | 410,765 | 1,563 |
| 1954 ..: | 46,050 | 31,863 | 46,530 | 37,558 | 162,001 | 52,531 | 8,804 | 17,873 | 241,209 | 340,408 | 4,843 |
| 1955 ..: | 49,187 | 32,954 | 50,413 | 44,232 | 176,786 | 52,061 | 8,422 | 15,502 | 252,771 | 377,812 | 4,863 |
| 1956 ..: | 38,067 | 40,303 | 49,401 | 34,726 | 162,497 | 51,955 | 7,878 | 16,851 | 239,181 | 352,089 | 879 |
| 1957 ..: | 42,532 | 39,370 | 54,140 | 20,439 | 156,481 | 63,171 | 10,474 | 16,249 | 246,375 | 231,536 | 2,545 |
| 1958 ..: | 40,300 | 40,012 | 43,974 | 26,611 | 150,897 | 67,324 | 6,328 | 20,336 | 244,885 | 334,308 | 2,116 |
| 1959 ..: | 42,826 | 40,333 | 60,239 | 24,238 | 167,636 | 76,920 | 7,669 | 21,494 | 273,719 | 282,137 | 2,372 |
| 1960 ..: | 46,686 | 40,686 | 49,692 | 30,289 | 167,353 | 79,079 | 5,155 | 23,324 | 274,911 | 449,646 | 3,032 |
| 1961 ..: | 60,075 | 45,812 | 50,653 | 38,618 | 195,158 | 98,211 | 5,949 | 23,153 | 322,471 | 260,495 | 2,220 |
| 1962 ..: | 65,274 | 47,132 | 54,911 | 27,471 | 194,788 | 96,643 | 9,581 | 23,595 | 324,607 | 264,063 | 2,265 |
| 1963 ..: | 89,876 | 47,605 | 51,563 | 16,590 | 205,634 | 124,602 | 5,396 | 27,939 | 363,571 | 270,423 | 5,475 |
| 1964 ..: | 103,287 | 45,402 | 52,653 | 18,190 | 219,532 | 143,688 | 4,469 | 29,992 | 397,681 | 266,421 | 4,339 |
| 1965 ..: | 84,722 | 45,111 | 51,861 | 21,104 | 202,798 | 4/115,000 | 8,564 | 26,740 | 353,102 | 268,016 | 2,536 |
| 1966 ..: | 4/90,400 | 44,660 | 60,271 | 9,500 | 204,831 | 4/111,000 | 9,788 | 23,125 | 348,744 | 314,157 | 1,586 |

1/ Shipments to U. S. mainland only. Does not represent total Hawaiian and Puerto Rican molasses production.
 2/ Year harvested basis.
 3/ Does not include exports from Hawaii and Puerto Rico.
 4/ Estimated.

Source: Statistical Reporting Service and Agricultural Stabilization and Conservation Service, U. S. Department of Agriculture; Bureau of the Census, U. S. Department of Commerce; Florida Citrus Processors Association; Association of Sugar Producers of Puerto Rico; Hawaiian Sugar Planters Association; and members of the Corn Refiners Association, Inc.

Table 6.--Molasses: Hawaiian and Puerto Rican production, shipments to the U. S. mainland, and exports to other countries, 1950-66

| : | | Hawaii | | : | | Puerto Rico | |
|-----------------|------------|--------------|--------------|------------|-------------|-------------|--|
| Year : | | Shipments | Exports | | Shipments | Exports | |
| :Production: | : to U. S. | : to other | :Production: | : to U. S. | : to other | | |
| : | : mainland | : countries: | | : mainland | : countries | | |
| --1,000 gallons | | | | | | | |
| 1950....: | 41,381 | 41,076 | 355 | 49,522 | 31,224 | 6,658 | |
| 1951....: | 44,723 | 41,572 | - | 60,300 | 49,951 | 1,528 | |
| 1952....: | 44,041 | 37,942 | 505 | 69,800 | 52,252 | 4,021 | |
| 1953....: | 51,319 | 47,558 | - | 59,856 | 32,651 | 13,258 | |
| 1954....: | 51,759 | 46,530 | - | 61,600 | 37,558 | 7,923 | |
| 1955....: | 51,052 | 50,413 | - | 56,246 | 44,232 | 6,033 | |
| 1956....: | 52,644 | 49,401 | 1,916 | 56,899 | 34,726 | 6,765 | |
| 1957....: | 52,340 | 54,140 | - | 52,600 | 20,439 | 19,402 | |
| 1958....: | 52,768 | 43,974 | 4,642 | 56,800 | 26,611 | 10,157 | |
| 1959....: | 56,849 | 60,239 | 7,771 | 60,755 | 24,238 | 19,239 | |
| 1960....: | 50,817 | 49,692 | - | 58,474 | 30,289 | 15,162 | |
| 1961....: | 56,423 | 50,653 | - | 62,372 | 38,618 | 8,224 | |
| 1962....: | 57,372 | 54,911 | - | 56,200 | 27,471 | 13,014 | |
| 1963....: | 55,373 | 51,563 | - | 61,548 | 16,590 | 15,923 | |
| 1964....: | 57,688 | 52,638 | - | 64,563 | 18,190 | 20,144 | |
| 1965....: | 58,389 | 51,861 | - | 57,140 | 21,104 | 6,848 | |
| 1966....: | 59,772 | 60,271 | - | 1/ 60,700 | 1/ 9,500 | 18,653 | |

1/ Estimated.

Source: Bureau of the Census, U. S. Department of Commerce; Association of Sugar Producers of Puerto Rico; and Hawaiian Sugar Planters Association.

SUPPLIES

The supply of molasses available for feed and industrial use in the Continental United States for 1966 was estimated at some 661 million gallons. This was nearly 43 million gallons, or 7 percent, more than the preceding year. It also was the second largest supply on record -- exceeded only by the 721-million-gallon supply available in 1960. The domestic portion of the 1966 supply, although down slightly from the year before, exceeded for the fourth consecutive year the supply of imported molasses.

Domestic Supplies

Almost 349 million gallons of molasses, or 53 percent of the total U. S. supply in 1966, came from domestic sources. This was 4 million gallons less than the preceding year as the drop in production of beet and hydrol more than offset a slight increase in cane and citrus molasses supplies.

The supply of cane molasses totaled 204.8 million gallons -- 2 million more than the year before. Output of 90.4 million gallons by mainland mills was up 5.7 million gallons, while outturn of 44.7 million gallons of refiners' black-strap ran about a half-million gallons smaller. Hawaii shipped a record 60.3 million gallons of molasses to the mainland, or 8.4 million gallons more than 1965 shipments. Inshipments from Puerto Rico, on the other hand, dropped to 9.5 million gallons, or 11.6 million gallons less than the year before and the smallest for any year on record.

Production of molasses reached a record-breaking 59.8 million gallons in Hawaii and 60.7 million gallons in Puerto Rico -- up about 2 and 6 percent, respectively, from the previous year. No Hawaiian molasses were exported to other countries, but nearly 18.7 million gallons of Puerto Rican molasses were exported to foreign countries.

Beet molasses production was estimated at 111 million gallons for 1966 -- 4 million gallons less than in 1965. The decline was due to reduced acreage and production of sugar beets. However, the outturn of beet molasses per ton of sugar beets increased slightly. Citrus molasses supplies climbed to almost 9.8 million gallons, 1.2 million gallons more than the previous year and the third largest output on record. Production of 23 million gallons of hydrol molasses ran 3.6 million gallons smaller than the year before and the smallest since 1959.

Imports

U. S. imports of molasses from foreign countries in 1966 totaled about 314 million gallons -- 46 million gallons, or 17 percent, more than in 1965 and the largest for any year since 1960.

Almost half of the total imports came from two countries -- Mexico and the Dominican Republic. A record-breaking 99.3 million gallons of molasses were imported from Mexico. This was nearly 4 million gallons more than the preceding year. It also accounted for almost a third of the total imports and kept Mexico as the United States' largest foreign supplier of molasses. The Dominican Republic -- our second largest supplier -- shipped 47.5 million gallons of molasses to the United States in 1966, or 6.2 million gallons more than the year before.

Molasses imports from other foreign countries show two notable changes. Some 22 million gallons were imported from Australia, or nearly three times as much as in 1965. Peru shipped 24.7 million gallons to the United States, or almost five times as much as the previous year. Imports from the United Kingdom and Poland, which were only moderate the year before, increased substantially in 1966. Imports from Colombia, Ecuador, Guatemala, Honduras, and Mauritius

also increased, while shipments from such regular suppliers as Barbados, France, Guyana, Haiti, Jamaica, Nicaragua, the Philippines, Taiwan, and Trinidad dropped off. Venezuela and India shipped some molasses to the United States for the first time in several years, while imports from Indonesia, which were substantial in 1965, were sharply reduced in 1966.

Almost two-thirds of the molasses imported into the United States in 1966 came in through three customs districts -- New Orleans, New York, and Houston. While New Orleans with 102.9 million gallons and New York with 54.3 million gallons registered substantial increases and remained the largest and second largest molasses-importing customs districts, Houston with 40.7 million gallons replaced Galveston as the third largest. Los Angeles remained fourth even though the 22.1 million gallons imported through this district ran about 4 million gallons smaller than the year before. Imports through San Francisco, Mobile, and Buffalo dropped considerably, but substantially more molasses came into the Arizona, El Paso, Georgia, and Maryland districts than the preceding year. Imports into other districts were not too much different from a year earlier.

Most of the molasses imported from Mexico came in through the New Orleans, Los Angeles, Houston, and El Paso customs districts. Nearly half of the imports from the Dominican Republic went into New York but a substantial quantity went to New Orleans and moderate amounts came to East Coast districts. While most Peruvian molasses were imported through the Gulf, some also went to the Florida, Georgia, Maryland, and Philadelphia customs districts. Houston got about a third of the molasses imported from Australia. The balance was fairly evenly divided between Los Angeles, Maryland, Mobile, New Orleans, New York, and Philadelphia.

Molasses imports from Central America were largely made through Gulf ports. Caribbean and South American molasses were imported mainly through Gulf and Atlantic Coast customs districts, while most imports from Europe were made through Atlantic Coast ports. More than half of the molasses imported from Asia entered the United States at Pacific Coast customs districts, with the balance coming into Gulf ports. Imports from Morocco and the Republic of South Africa came in through Atlantic port terminals, while those from Angola and Mauritius went to Gulf Coast customs districts.

Exports

The United States exported 20.2 million gallons of molasses in 1966 -- more than twice as much as the preceding year. Nearly 18.7 million gallons of the total U. S. molasses exports were exported direct from Puerto Rico. Exports from the mainland to overseas destinations amounted to only 1.6 million gallons -- about a million gallons less than the year before and the least for any year since 1956. Most of this was exported through the New York, Miami, and Washington customs districts and was destined for Canada, the Netherlands, and India.

Table 7.--Molasses, inedible: U. S. imports by country of origin, 1962-66

| Country of origin | 1966 | 1965 | 1964 | 1963 | 1962 |
|----------------------------------|---------|---------|---------|---------|---------|
| --1,000 gallons-- | | | | | |
| Angola | 942 | - | - | - | - |
| Australia | 22,117 | 7,629 | 9,932 | 1,767 | - |
| Austria | - | - | 700 | - | - |
| Bahamas | 94 | - | - | - | - |
| Barbados | 2,390 | 5,577 | 4,926 | 4,398 | 5,532 |
| Belgium & Luxembourg | - | - | 754 | - | - |
| Brazil | - | - | - | 1,833 | - |
| British Honduras | 1,267 | 3,113 | 819 | 390 | 391 |
| Canada | 1,274 | 1,986 | 1,642 | 2,256 | 549 |
| Colombia | 6,271 | 2,439 | - | - | - |
| Cuba | - | - | - | - | 3 |
| Denmark | - | - | 2,164 | - | - |
| Dominican Republic | 47,533 | 41,329 | 32,591 | 42,926 | 51,705 |
| Ecuador | 10,888 | 9,863 | 2,270 | 6,813 | 4,010 |
| El Salvador | 1,210 | 1,648 | 953 | 1,286 | - |
| France | 6,076 | 9,617 | 10,524 | 9,390 | 9,319 |
| French West Indies | 3,526 | 3,399 | 3,813 | 6,511 | 8,053 |
| Greenland | - | 49 | - | - | - |
| Guatemala | 5,292 | 3,439 | 1,268 | - | - |
| Guyana (British Guiana) | 1,837 | 4,466 | 3,333 | 3,570 | 7,501 |
| Haiti | 4,056 | 4,264 | 5,375 | 3,530 | 4,176 |
| Honduras | 2,327 | 1,650 | 1,624 | - | - |
| India | 3,278 | - | - | 1,426 | 4,518 |
| Indonesia | 3,278 | 7,772 | - | - | - |
| Iran | - | - | 1,833 | - | - |
| Jamaica | 16,508 | 17,536 | 24,132 | 17,317 | 21,753 |
| Japan | - | - | 502 | - | - |
| Kenya | - | 801 | 2,594 | - | - |
| Leeward & Windward Islands | 406 | - | - | - | - |
| Malagasy Republic | - | - | - | - | 1,613 |
| Mauritius | 6,219 | 3,301 | 11,919 | 7,567 | 13,353 |
| Mexico | 99,312 | 95,564 | 86,404 | 93,175 | 63,987 |
| Morocco | 2,119 | - | - | - | - |
| Mozambique | - | 3,629 | 2,203 | 2,008 | - |
| Netherlands | 578 | - | - | 593 | 2,211 |
| Netherlands Antilles | 1,424 | - | - | - | - |
| Nicaragua | 3,438 | 3,737 | 1,920 | 4,517 | 3,172 |
| Pakistan | - | - | 1,886 | - | 1,774 |
| Panama | 830 | - | 2,353 | - | - |
| Peru | 24,665 | 4,897 | 12,934 | 21,243 | 19,228 |
| Philippines | 4,246 | 9,427 | 19,343 | 11,858 | 15,625 |
| Poland | 6,817 | 1,116 | - | - | - |
| Republic of South Africa | 3,152 | 518 | 4,109 | 15,886 | 5,350 |
| Switzerland | 1,377 | - | - | - | - |
| Taiwan (Formosa) | 3,811 | 8,985 | 2,893 | - | 719 |
| Trinidad & Tobago | 5,992 | 6,756 | 8,708 | 9,188 | 10,988 |
| UAR (Egypt) | - | 1,804 | - | - | 8,533 |
| United Kingdom | 5,960 | 1,705 | - | 103 | - |
| Venezuela | 3,647 | - | - | 872 | - |
| Total | 314,157 | 268,016 | 266,421 | 270,423 | 264,063 |

Source: Bureau of the Census

Table 8.--Molasses, inedible: U. S. imports by customs districts, 1962-66

| Customs districts | : | 1966 | : | 1965 | : | 1964 | : | 1963 | : | 1962 |
|---------------------------|---|---------|---|---------|---|----------|---|---------|---|---------|
| --1,000 gallons-- | | | | | | | | | | |
| Arizona | : | 5,037 | | 2,599 | | 3,473 | | 3,381 | | 3,751 |
| Buffalo | : | 3,047 | | 5,218 | | 2,712 | | 3,493 | | 4,100 |
| Chicago | : | - | | - | | 9 | | - | | - |
| Connecticut | : | 428 | | 1,500 | | 2,654 | | 6,402 | | 3,779 |
| Dakota | : | 23 | | 111 | | 285 | | 817 | | 7 |
| Duluth & Superior | : | - | | - | | - | | 208 | | - |
| El Paso | : | 8,539 | | 6,768 | | 7,390 | | 7,173 | | 7,165 |
| Florida | : | 2,378 | | 1,484 | | 723 | | 3,423 | | 3,804 |
| Galveston | : | 3,395 | | 37,354 | | 39,977 | | 35,863 | | 35,140 |
| Georgia | : | 5,677 | | 2,293 | | 3,073 | | 3,365 | | - |
| Houston | : | 40,717 | | - | | - | | - | | - |
| Laredo | : | 685 | | 871 | | - | | 79 | | 102 |
| Los Angeles | : | 22,139 | | 26,055 | | 1/24,724 | | 18,936 | | 18,632 |
| Maine & New Hampshire ..: | | 134 | | 213 | | 345 | | 406 | | 133 |
| Maryland | : | 15,106 | | 9,353 | | 12,513 | | 19,361 | | 14,659 |
| Massachusetts | : | 2,137 | | - | | 4,154 | | 2,617 | | 3,474 |
| Michigan | : | 154 | | 307 | | 19 | | 19 | | 206 |
| Mobile | : | 9,404 | | 12,115 | | 1/ 5,053 | | 9,193 | | 8,405 |
| Montana & Idaho | : | - | | - | | - | | - | | 10 |
| New Orleans | : | 102,906 | | 79,186 | | 57,099 | | 70,885 | | 70,344 |
| New York | : | 54,329 | | 42,483 | | 52,231 | | 43,045 | | 54,680 |
| North Carolina | : | 3,904 | | 3,567 | | 4,313 | | 3,460 | | 2,749 |
| Ohio | : | 1,876 | | 2,559 | | - | | 5,493 | | 3,410 |
| Philadelphia | : | 12,584 | | 11,552 | | 11,811 | | 10,316 | | 7,658 |
| Pittsburgh | : | - | | - | | 1,285 | | - | | - |
| Sabine | : | 2,479 | | 1,410 | | 2,071 | | 1,582 | | 2,168 |
| San Diego | : | 4,130 | | 2,859 | | 5,996 | | 6,624 | | 4,655 |
| San Francisco | : | 8,313 | | 12,820 | | 1/20,495 | | 8,919 | | 11,579 |
| Vermont | : | 802 | | 719 | | 838 | | 466 | | 45 |
| Virginia | : | 3,715 | | 4,620 | | 3,178 | | 4,897 | | 3,408 |
| Washington | : | 119 | | - | | - | | - | | - |
| Total | : | 314,157 | | 268,016 | | 266,421 | | 270,423 | | 264,063 |

Source: Bureau of the Census

1/ Revised.

Table 9.--Molasses, inedible: U. S. imports by country of origin
and customs districts, 1966

| Country | Arizona | Buffalo | Conn. | Dakota | El Paso | Florida |
|----------------------------|---------|---------|-------|--------|---------|---------|
| --1,000 gallons-- | | | | | | |
| Angola | - | - | - | - | - | - |
| Australia | - | - | - | - | - | - |
| Bahamas | - | - | - | - | - | - |
| Barbados | - | - | - | - | - | - |
| British Honduras | - | - | - | - | - | - |
| Canada | - | 84 | - | - | - | - |
| Colombia | - | - | - | - | - | - |
| Dominican Republic | - | - | - | - | - | 1,350 |
| Ecuador | - | - | - | - | - | - |
| El Salvador | - | - | - | - | - | - |
| France | - | - | - | - | - | - |
| French West Indies | - | - | - | - | - | - |
| Guatemala | - | - | - | - | - | - |
| Guyana (British Guiana) .. | - | 28 | - | - | - | - |
| Haiti | - | - | - | - | - | - |
| Honduras | - | - | - | - | - | - |
| India | - | - | - | - | - | - |
| Indonesia | - | - | - | - | - | - |
| Jamaica | - | - | - | - | - | - |
| Leeward & Windward Is. ... | - | 406 | - | - | - | - |
| Mauritius | - | - | - | - | - | - |
| Mexico | 5,037 | - | 428 | 23 | 8,539 | - |
| Morocco | - | - | - | - | - | - |
| Netherlands | - | - | - | - | - | - |
| Netherlands Antilles | - | - | - | - | - | - |
| Nicaragua | - | - | - | - | - | - |
| Panama | - | - | - | - | - | - |
| Peru | - | - | - | - | - | 1,028 |
| Philippines | - | - | - | - | - | - |
| Poland | - | - | - | - | - | - |
| Rep. of South Africa | - | - | - | - | - | - |
| Switzerland | - | - | - | - | - | - |
| Taiwan (Formosa) | - | - | - | - | - | - |
| Trinidad & Tobago | - | 2,529 | - | - | - | - |
| United Kingdom | - | - | - | - | - | - |
| Venezuela | - | - | - | - | - | - |
| Total | 5,037 | 3,047 | 428 | 23 | 8,539 | 2,378 |

Source: Bureau of the Census

Table 9.--Molasses, inedible: U. S. imports by country of origin
and customs districts, 1966

| Galveston | Georgia | Houston | Laredo | Los Angeles | Maine & N. H. | Maryland | Mass. |
|-----------------|---------|---------|--------|-------------|---------------|----------|-------|
| --1,000 gallons | | | | | | | |
| - | - | 7,537 | - | 3,364 | - | 1,918 | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | 10 | - | - |
| - | - | - | - | - | - | 628 | - |
| - | - | - | - | - | 124 | - | - |
| 2,285 | 1,035 | 2,794 | 1,829 | - | - | 3,587 | - |
| - | - | 3,225 | - | - | - | - | 1,000 |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | 1,106 | - |
| - | - | - | - | - | - | - | - |
| 140 | - | - | - | - | - | - | - |
| - | - | 3,278 | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | 6,243 | - | - | - | 478 | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| 569 | - | 8,836 | 685 | 17,808 | - | 1,387 | 1,137 |
| - | - | - | - | - | - | 1,944 | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | 1,736 | - | - | - | - | - |
| 401 | 3,362 | 405 | - | - | - | - | - |
| - | - | 3,728 | - | - | - | - | - |
| - | - | - | - | - | - | 2,330 | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | 967 | - | - | - |
| - | - | 1,106 | - | - | - | 792 | - |
| - | - | - | - | - | - | - | - |
| - | 1,280 | - | - | - | - | 936 | - |
| 3,395 | 5,677 | 40,717 | 685 | 22,139 | 134 | 15,106 | 2,137 |

(Continued on next page)

Table 9.--Molasses, inedible: U. S. imports by country of origin
and customs districts, 1966 (Continued)

| Country | Michigan | Mobile | New Orleans | New York | North Carolina | Ohio |
|----------------------------|----------|--------|-------------|----------|----------------|-------|
| --1,000 gallons-- | | | | | | |
| Angola | - | - | 942 | - | - | - |
| Australia | - | 1,645 | 2,197 | 1,167 | 1,897 | - |
| Bahamas | - | - | 94 | - | - | - |
| Barbados | - | - | 2,380 | - | - | - |
| British Honduras | - | - | 639 | - | - | - |
| Canada | 145 | - | - | - | - | - |
| Colombia | - | 1,251 | - | - | - | - |
| Dominican Republic | - | - | 10,323 | 22,154 | - | - |
| Ecuador | - | 2,319 | 4,144 | 200 | - | - |
| El Salvador | - | - | 1,210 | - | - | - |
| France | - | - | - | 6,076 | - | - |
| French West Indies | - | - | 3,526 | - | - | - |
| Guatemala | - | - | 3,373 | - | - | - |
| Guyana (British Guiana) .. | - | - | 703 | - | - | - |
| Haiti | - | - | 1,816 | 1,332 | - | - |
| Honduras | - | - | 2,187 | - | - | - |
| India | - | - | - | - | - | - |
| Indonesia | - | - | - | - | - | - |
| Jamaica | - | - | 6,076 | 3,711 | - | - |
| Leeward & Windward Is. ... | - | - | - | - | - | - |
| Mauritius | - | - | 6,219 | - | - | - |
| Mexico | - | 2,925 | 37,605 | 3,941 | 2,007 | 1,876 |
| Morocco | - | - | - | 175 | - | - |
| Netherlands | - | - | - | - | - | - |
| Netherlands Antilles | - | - | 1,424 | - | - | - |
| Nicaragua | - | - | 1,702 | - | - | - |
| Panama | - | 425 | - | - | - | - |
| Peru | - | 839 | 12,828 | - | - | - |
| Philippines | - | - | - | - | - | - |
| Poland | - | - | - | 4,487 | - | - |
| Rep. of South Africa | - | - | - | 3,152 | - | - |
| Switzerland | - | - | - | 1,377 | - | - |
| Taiwan (Formosa) | - | - | 2,559 | - | - | - |
| Trinidad & Tobago | - | - | 959 | 606 | - | - |
| United Kingdom | 9 | - | - | 5,951 | - | - |
| Venezuela | - | - | - | - | - | - |
| Total | 154 | 9,404 | 102,906 | 54,329 | 3,904 | 1,876 |

Source: Bureau of the Census

Table 9.--Molasses, inedible: U. S. imports by country of origin
and customs districts, 1966 (Continued)

| Phila- delphia: | Sabine : | San Diego | San Francisco | Vermont | Virginia | Wash. | Total |
|--------------------|--------------|--------------|------------------|------------|--------------|------------|----------------|
| --1,000 gallons-- | | | | | | | |
| - | - | - | - | - | - | - | 942 |
| - | - | - | - | - | 2,392 | - | 22,117 |
| - | - | - | - | - | - | - | 94 |
| - | - | - | - | - | - | - | 2,390 |
| - | - | - | - | - | - | - | 1,267 |
| 2,226 | - | - | - | 802 | - | 119 | 1,274 |
| 4,970 | - | - | - | - | - | - | 6,271 |
| - | - | - | - | - | - | - | 47,533 |
| - | - | - | - | - | - | - | 10,888 |
| - | - | - | - | - | - | - | 1,210 |
| 908 | - | - | 1,919 | - | - | - | 6,076 |
| - | - | - | - | - | - | - | 3,526 |
| - | - | - | - | - | - | - | 5,292 |
| - | - | - | - | - | - | - | 1,837 |
| - | - | - | - | - | - | - | 4,056 |
| - | - | - | 1,939 | 1,339 | - | - | 2,327 |
| - | - | - | - | - | - | - | 3,278 |
| - | - | - | - | - | - | - | 3,278 |
| - | - | - | - | - | - | - | 16,508 |
| - | - | - | - | - | - | - | 406 |
| 3,049 | - | - | 2,137 | - | 1,323 | - | 6,219 |
| - | - | - | - | - | - | - | 99,312 |
| - | - | - | 578 | - | - | - | 2,119 |
| - | - | - | - | - | - | - | 578 |
| - | - | - | - | - | - | - | 1,424 |
| 2,479 | - | - | - | - | - | - | 3,438 |
| - | - | 272 | 3,974 | - | - | - | 830 |
| - | - | - | - | - | - | - | 24,665 |
| - | - | - | - | - | - | - | 4,246 |
| - | - | - | - | - | - | - | 6,817 |
| 1,431 | - | - | - | - | - | - | 3,152 |
| - | - | - | - | - | - | - | 1,377 |
| - | - | - | 285 | - | - | - | 3,811 |
| - | - | - | - | - | - | - | 5,992 |
| - | - | - | - | - | - | - | 5,960 |
| - | - | - | - | - | - | - | 3,647 |
| <u>12,584</u> | <u>2,479</u> | <u>4,130</u> | <u>8,313</u> | <u>802</u> | <u>3,715</u> | <u>119</u> | <u>314,157</u> |

Table 10.--Molasses, inedible: U. S. exports by country of destination, 1962-66 ^{1/}

| Country of Destination : | 1966 | : | 1965 | : | 1964 | : | 1963 | : | 1962 |
|----------------------------|--------|---|-------|---|--------|---|--------|---|--------|
| --1,000 gallons-- | | | | | | | | | |
| Belgium & Luxembourg: | - | | - | | - | | 2,411 | | - |
| British Honduras: | - | | 4 | | - | | - | | - |
| Canada: | 3,883 | | 1,916 | | 9,189 | | 3,726 | | 6,939 |
| Denmark: | - | | 8 | | - | | - | | - |
| France: | 2,182 | | - | | - | | - | | - |
| Ghana: | 1 | | - | | - | | - | | - |
| Iceland: | - | | 16 | | 122 | | 149 | | 170 |
| India: | 133 | | 165 | | 203 | | 118 | | - |
| Ireland: | - | | 4 | | - | | 760 | | 3 |
| Israel: | - | | - | | 183 | | - | | - |
| Italy: | 230 | | - | | - | | - | | - |
| Jamaica: | 3 | | 2 | | - | | - | | - |
| Japan: | - | | 401 | | 623 | | 813 | | 1 |
| Libya: | 2 | | - | | - | | - | | - |
| Mexico: | 25 | | 6 | | 42 | | 4 | | 48 |
| Netherlands: | 11,462 | | 2,303 | | 7,316 | | 2,384 | | 7,489 |
| Netherlands Antilles: | - | | 6 | | - | | - | | - |
| Rep. of South Africa: | 4 | | 1 | | 3 | | 34 | | 47 |
| Saudi Arabia: | - | | - | | 5 | | - | | - |
| Spanish Africa: | 2 | | - | | - | | - | | - |
| United Kingdom: | 2,312 | | 4,552 | | 6,777 | | 8,886 | | 575 |
| West Germany: | - | | - | | 10 | | 2,102 | | - |
| Other: | - | | - | | 9 | | 11 | | 7 |
| Total: | 20,239 | | 9,384 | | 24,482 | | 21,398 | | 15,279 |

^{1/} Includes exports from Puerto Rico.

Source: Bureau of the Census

Table 11.--Molasses, inedible: U. S. exports by customs districts, 1962-66

| Customs districts : | 1966 | : | 1965 | : | 1964 | : | 1963 | : | 1962 |
|-------------------------|--------|---|-------|---|--------|---|--------|---|--------|
| --1,000 gallons-- | | | | | | | | | |
| Buffalo: | - | | - | | 85 | | - | | 12 |
| Dakota: | - | | 65 | | - | | - | | 3 |
| Florida: | - | | 694 | | 1,472 | | - | | - |
| Laredo: | - | | - | | - | | 1 | | 12 |
| Massachusetts: | - | | 16 | | 74 | | 145 | | - |
| Miami: | 484 | | - | | - | | - | | - |
| Michigan: | 57 | | 92 | | 95 | | 99 | | 168 |
| Montana and Idaho: | - | | 7 | | - | | - | | 7 |
| New Orleans: | 1 | | - | | 183 | | - | | - |
| New York: | 146 | | 185 | | 221 | | 169 | | 222 |
| Oregon: | - | | 46 | | - | | - | | - |
| Philadelphia: | - | | - | | 49 | | - | | - |
| Puerto Rico: | 18,653 | | 6,848 | | 20,144 | | 15,923 | | 13,014 |
| St. Lawrence: | 34 | | - | | 19 | | - | | - |
| San Diego: | 25 | | 405 | | 348 | | 3,140 | | 36 |
| San Francisco: | - | | 15 | | 326 | | 188 | | 1 |
| Washington: | 839 | | 1,011 | | 1,466 | | 1,729 | | 1,798 |
| Other: | - | | - | | - | | 4 | | 6 |
| Total: | 20,239 | | 9,384 | | 24,482 | | 21,398 | | 15,279 |

Source: Bureau of the Census

Table 12.--Molasses: Estimated utilization, United States, 1955-66

| Year | Industrial | | | | Mixed feeds,: | |
|---------------------|------------------------------------|--|---------|-----------------------|---------------|----------|
| | : Distilled: Yeast, : Pharmaceuti- | : spirits : citric acid: cals and edi- | : Total | : direct feed-: Total | : ing and | : utili- |
| | : 1/ :and vinegar: ble molasses : | | | | : silage 2/ : | : zation |
| --Million gallons-- | | | | | | |
| 1955 | 121.3 | 65.0 | 12.0 | 198.3 | 427.4 | 625.7 |
| 1956 | 111.9 | 70.0 | 14.0 | 195.9 | 394.5 | 590.4 |
| 1957 | 59.2 | 70.0 | 14.0 | 143.2 | 332.2 | 475.4 |
| 1958 | 61.7 | 70.0 | 15.0 | 146.7 | 430.3 | 577.0 |
| 1959 | 35.3 | 71.0 | 15.0 | 121.3 | 432.2 | 553.5 |
| 1960 | 69.0 | 74.0 | 3/ 37.0 | 180.0 | 541.5 | 721.5 |
| 1961 | 8.5 | 70.4 | 47.1 | 126.0 | 454.7 | 580.7 |
| 1962 | 5.7 | 79.8 | 38.7 | 124.2 | 462.2 | 586.4 |
| 1963 | 5.0 | 85.0 | 40.0 | 130.0 | 498.5 | 628.5 |
| 1964 | 6.2 | 90.0 | 47.0 | 143.2 | 516.6 | 659.8 |
| 1965 | 15.1 | 100.0 | 50.0 | 165.1 | 453.5 | 618.6 |
| 1966 4/ | 9.4 | 100.0 | 50.0 | 159.4 | 501.9 | 661.3 |

1/ Includes molasses used in making ethyl alcohol, butyl and acetone prior to 1959. 2/ Molasses utilized in feeds is a residual item, calculated by subtracting molasses used industrially from total mainland supplies without considering changes in stocks. 3/ Pharmaceutical utilization not considered prior to 1960. 4/ Estimated.

UTILIZATION

An estimated 661 million gallons of molasses was available for feed and industrial use in the United States for 1966. This was about 43 million gallons more than the preceding year.

Molasses used in producing distilled spirits in the Continental United States during 1966 totaled 9.4 million gallons -- almost 6 million gallons less than a year earlier.

Other commercial or industrial uses of molasses were not much different from the previous year. An estimated 100 million gallons of molasses went into the manufacture of yeast, citric acid, and vinegar, while the pharmaceutical and edible molasses industries used an estimated 50 million gallons of molasses.

Based on the foregoing utilization estimates and without considering actual changes in molasses stocks (which are unavailable), nearly 502 million gallons of molasses were available for livestock feed either in direct form or in formula feeds. This was about 48 million gallons more than in 1965. (Trade estimates indicate about 5 percent of the molasses used in livestock feed is converted to dried molasses, most of which is made and used in the Midwest.)

UNITED STATES DEPARTMENT OF AGRICULTURE
Consumer and Marketing Service
Grain Division
Federal Center Building
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